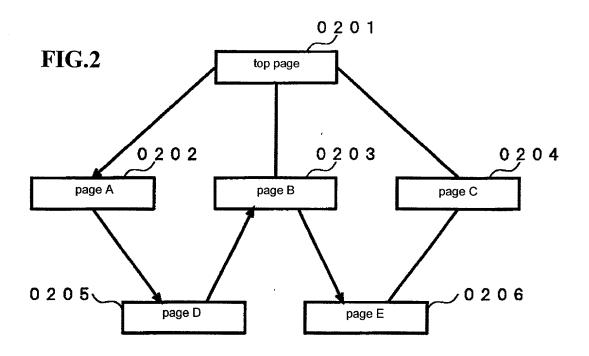


FIG.1



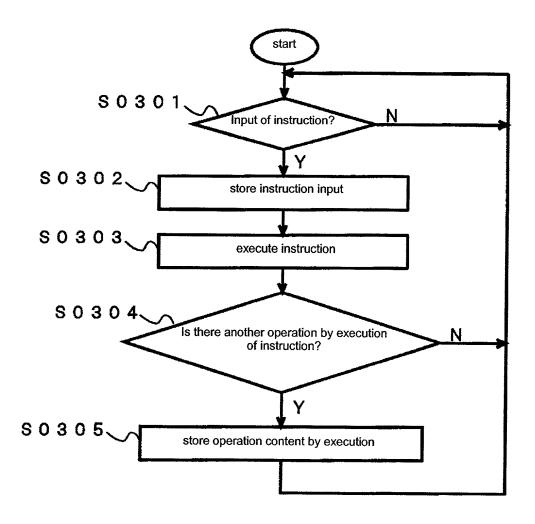


FIG.3

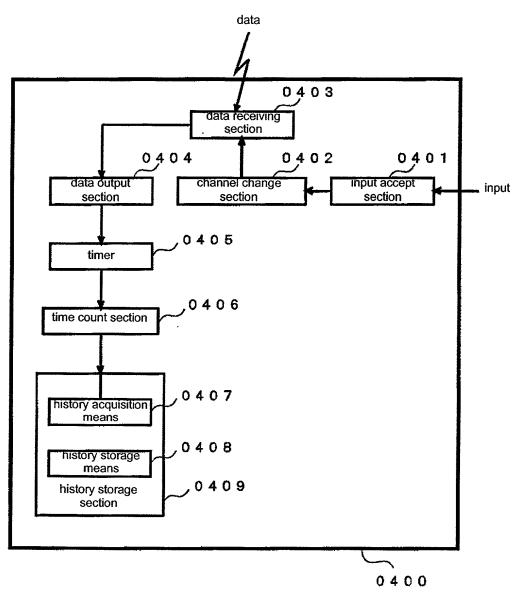


FIG.4

program genre	program identifier	time
news	News 8	2 hours and 15 minutes
weather forecast	Morning Weather	5 hours
sports	Big Professional Baseball	1 hour
program interlocking	Five-Minute Cooking	2 minutes

FIG.5

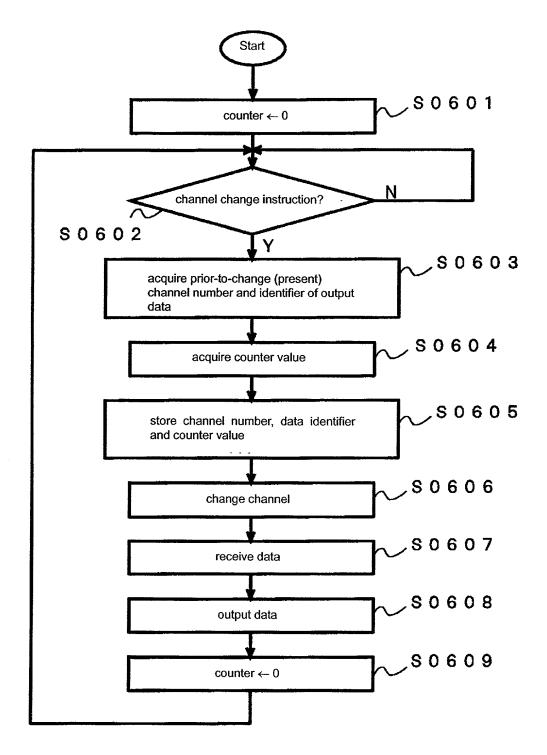


FIG.6

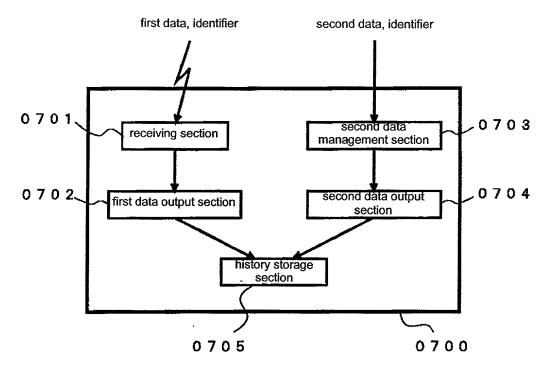


FIG.7

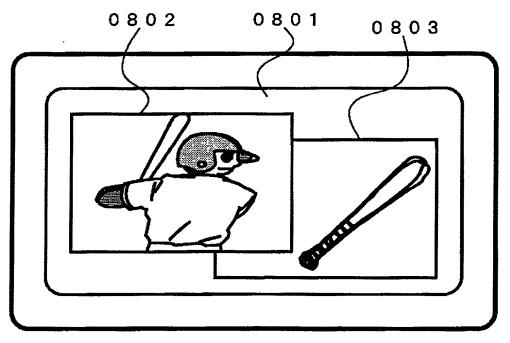


FIG.8

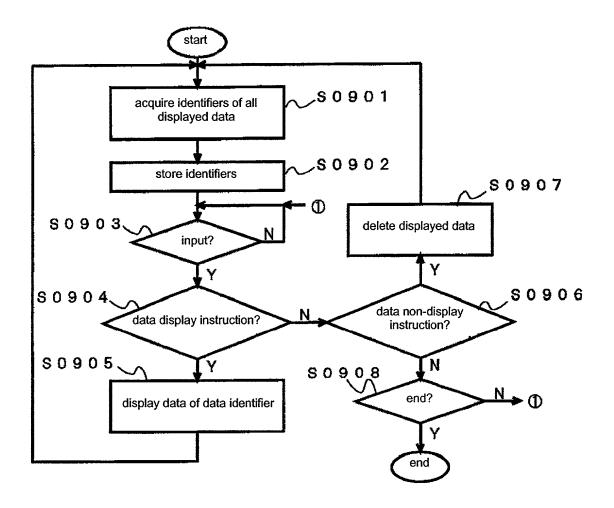


FIG.9

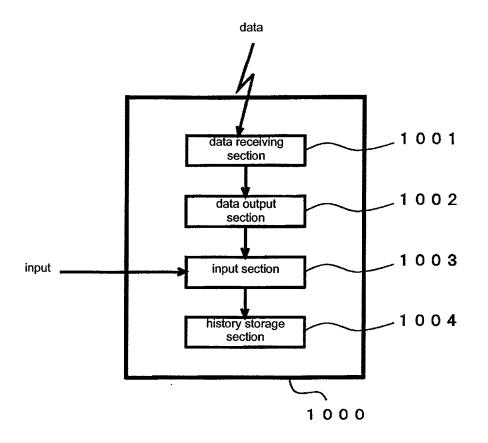


FIG.10

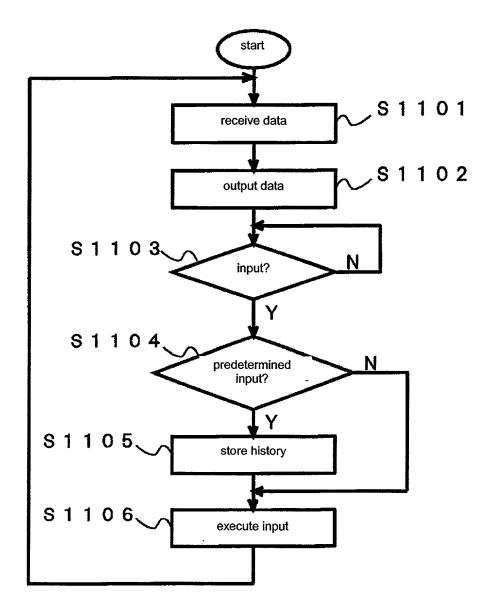


FIG.11

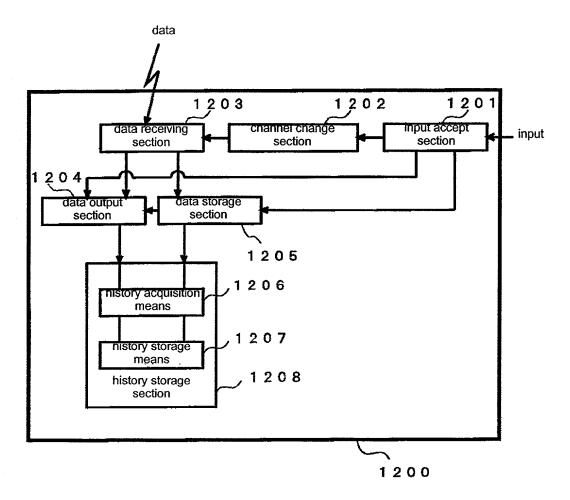


FIG.12

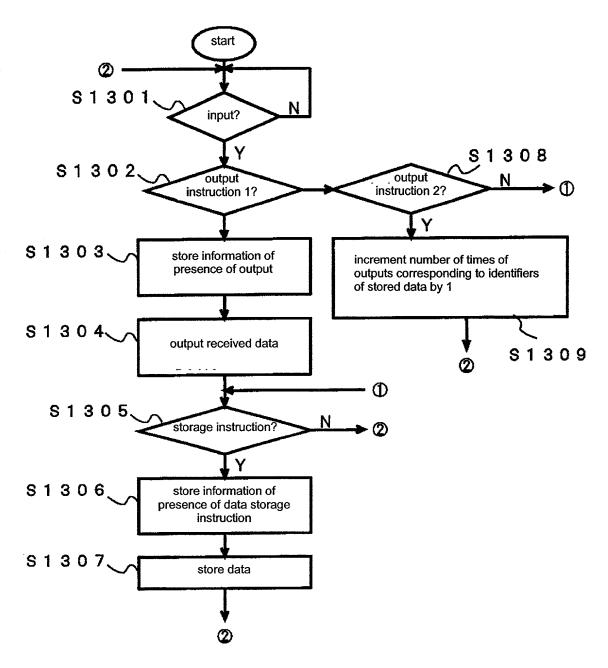


FIG.13

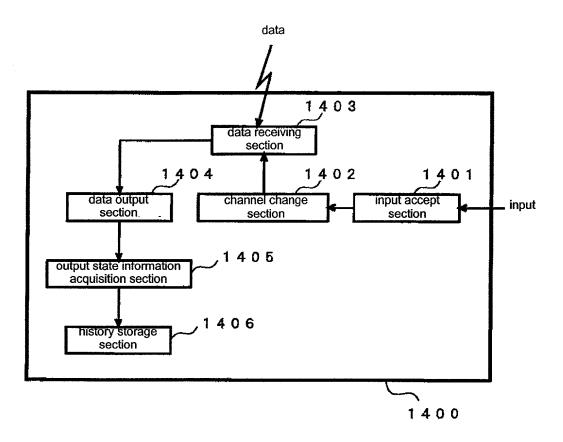


FIG.14

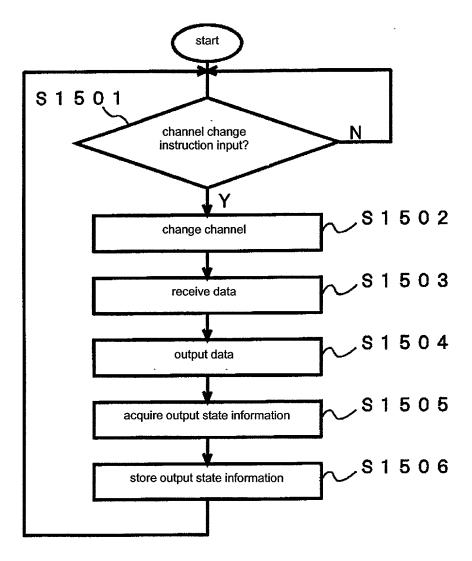


FIG.15

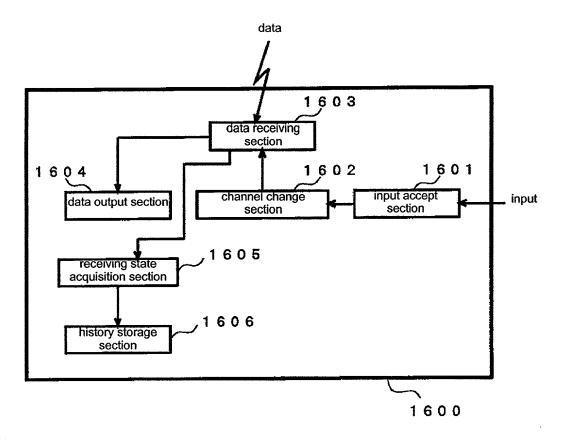
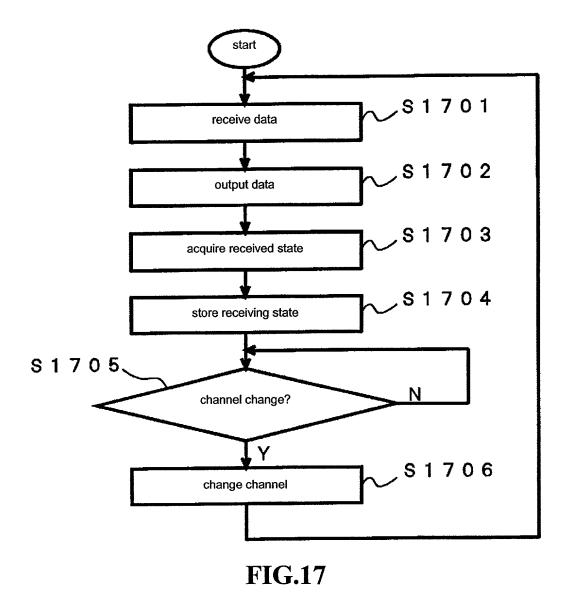
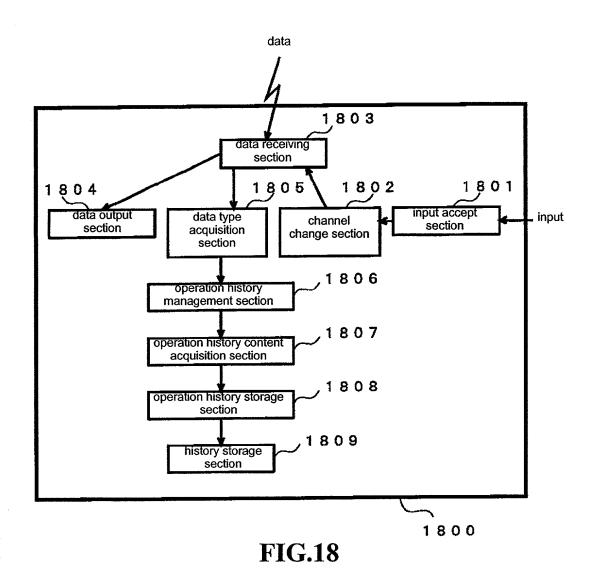


FIG.16





data type	operation history content	
high vision	voices, pictures, data	
high definition	voices, pictures	
standard definition	pictures	

FIG.19

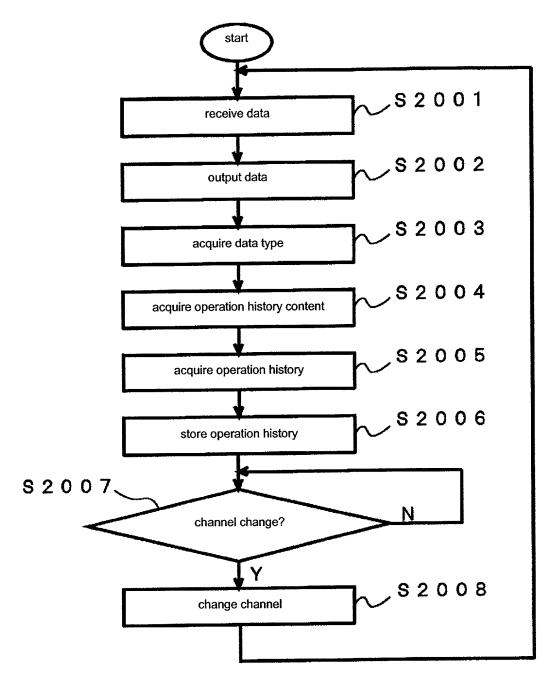
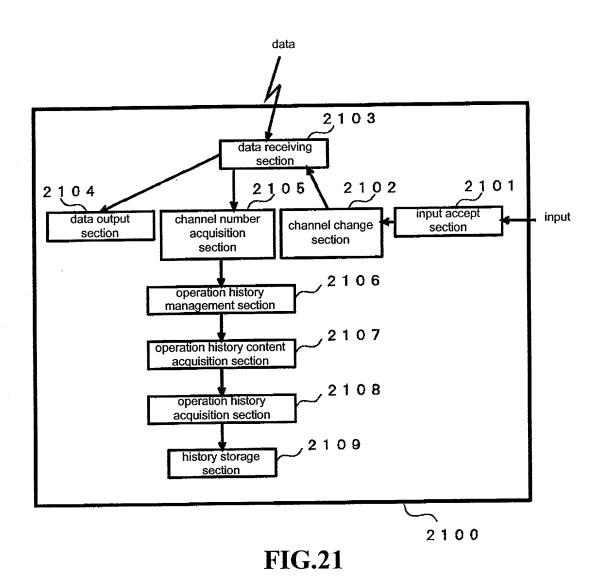


FIG.20



channel number	operation history content	
public broadcasting station	radio wave receiving state	
commercial broadcast station	a series of operation until output	
specific content	output, storage	

FIG.22

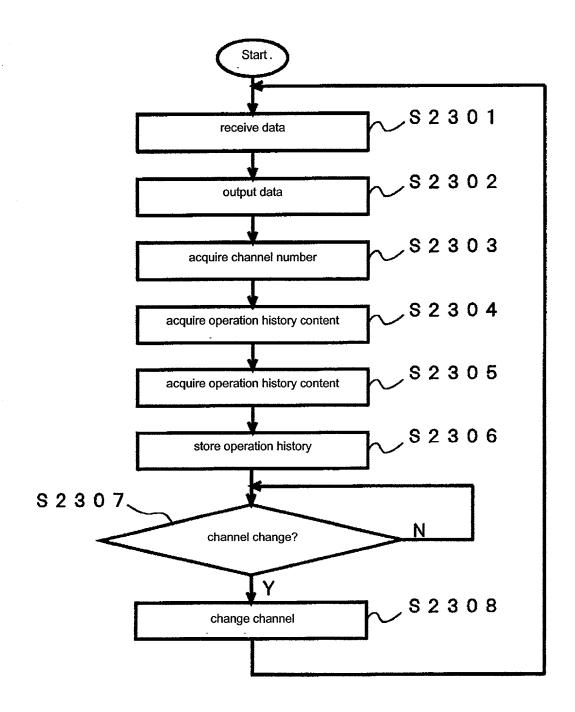


FIG.23

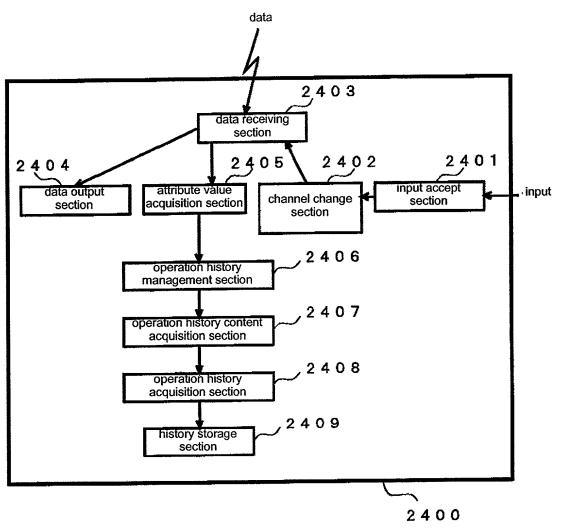


FIG.24

genre (attribute value)	operation history content	
news	a series of operations until output	
shopping	presence/absence of input, input content	
music output, storage		

FIG.25

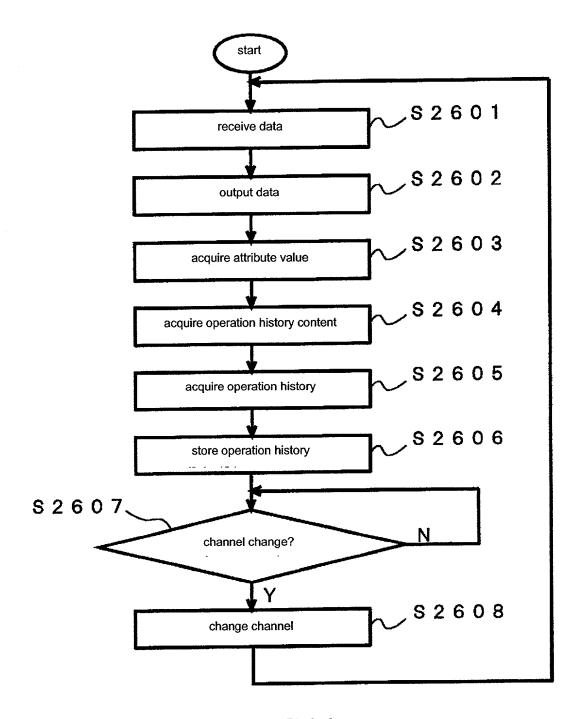


FIG.26

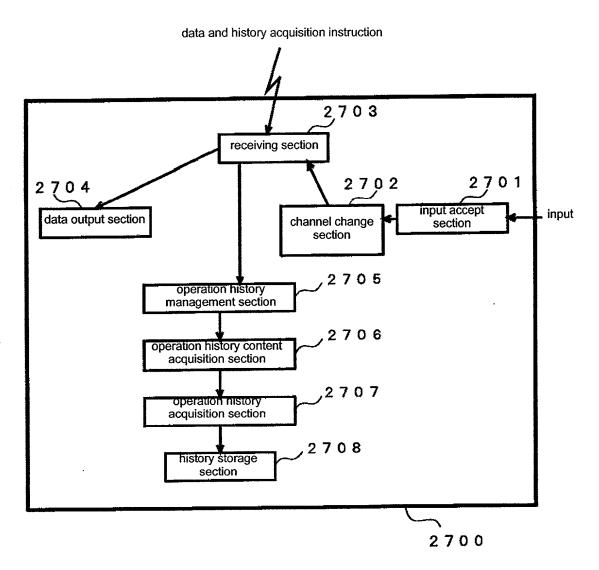


FIG.27

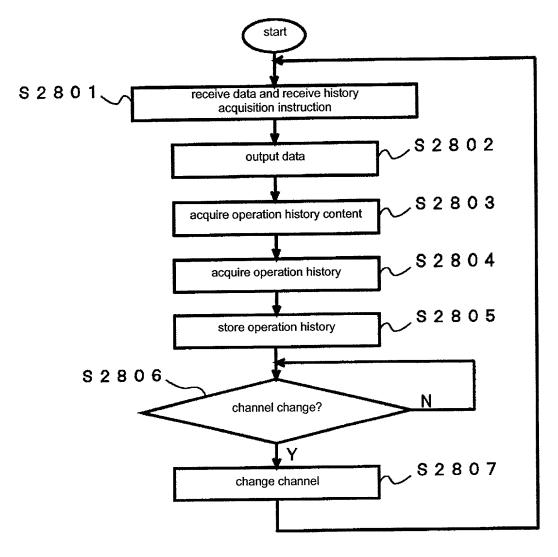


FIG.28

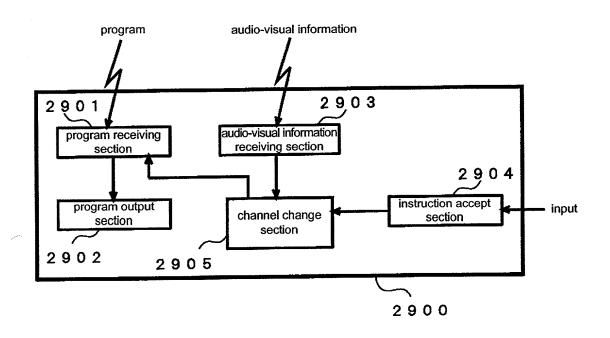
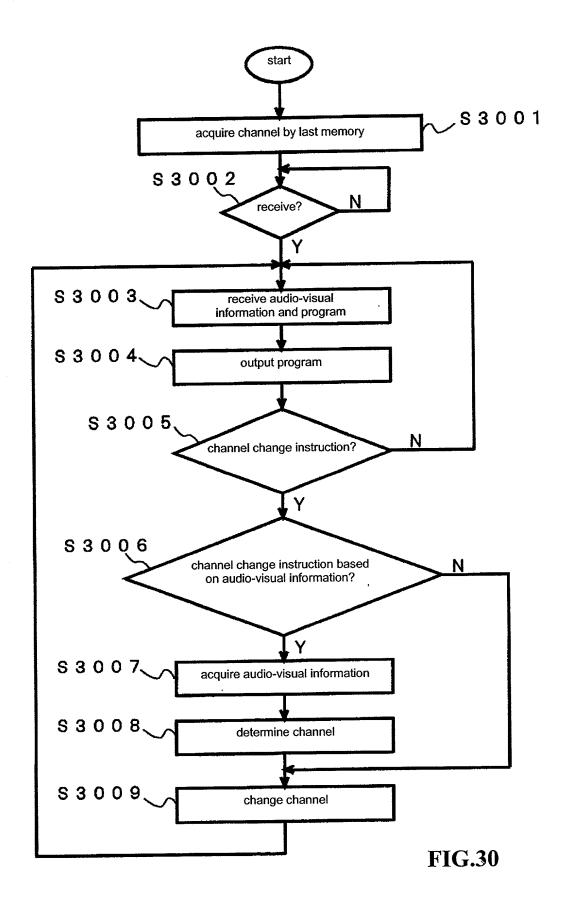


FIG.29



	audio-visual information
program broadcasting	audience rating
questionnaire & quiz	reply and answer totalization result
pay-per-view	total charge
music delivery	ranking

FIG.31

	operation history	
a se	eries of operations until data output	
	data output time	
	combination of data identifiers	
prese	ence/absence of predetermined input	
	data storage	
	data output state	
	data receiving state	

FIG.32

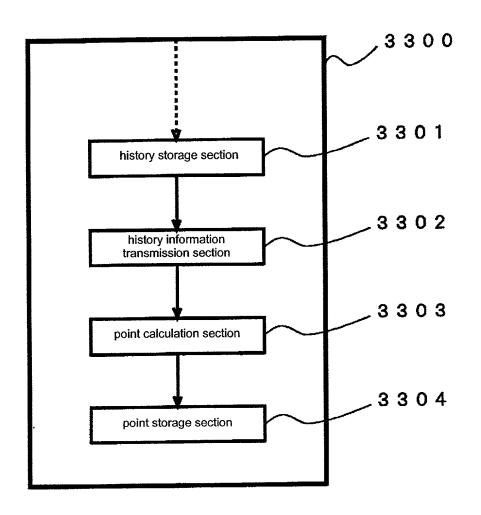


FIG.33

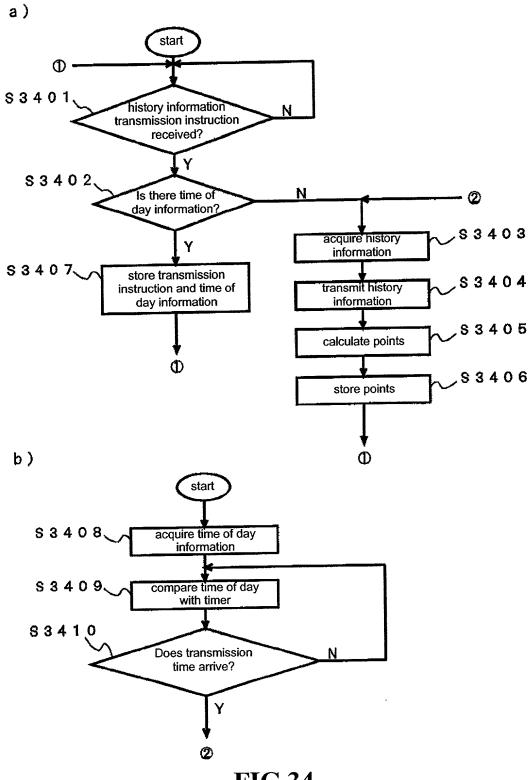


FIG.34

history acquisition instruction	
a series of operations	
presence/absence of output and storage	
answer & correct answer rate	
quiz program answer & correct answer rate cooking program presence/absence of recipe acquisition and content of re-	

FIG.35

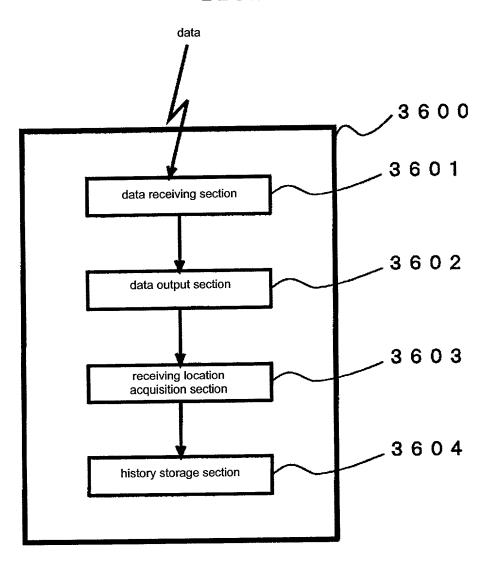


FIG.36

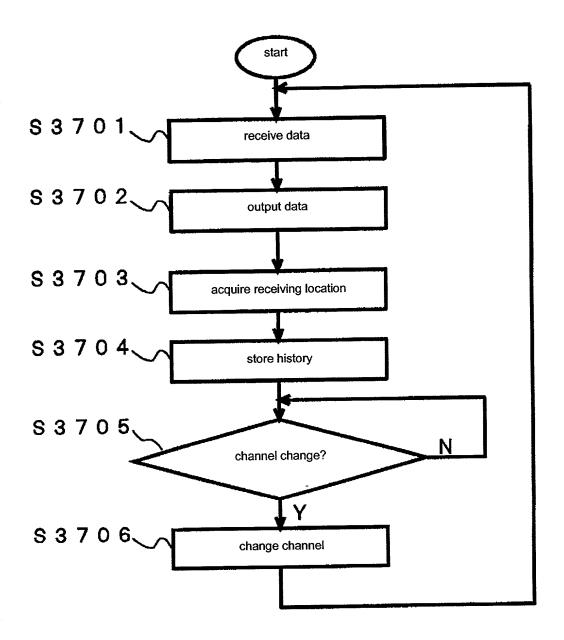


FIG.37

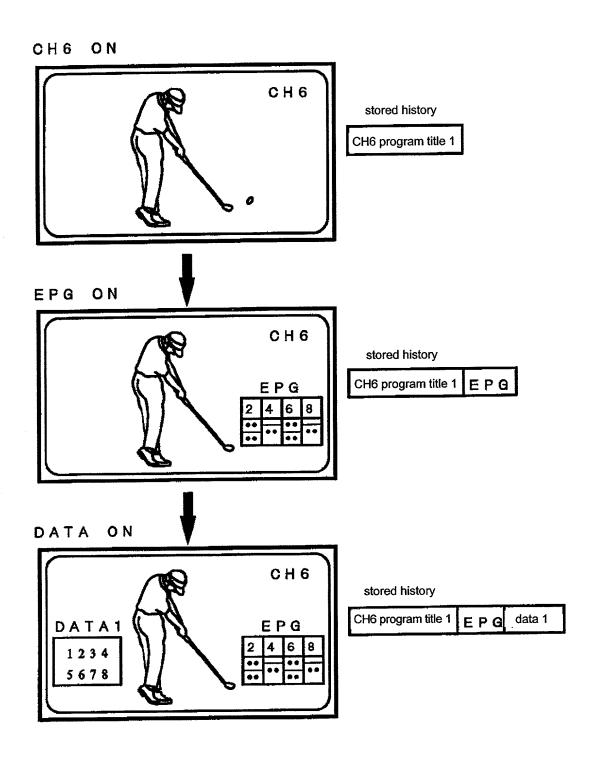


FIG.38